

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	401	361/139	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/01/30 15:50
S2	23	((("3965293") or ("4425508") or ("4924257") or ("5157296") or ("5196745") or ("5243491") or ("5294854") or ("5473410") or ("5528118") or ("5623853") or ("5668672") or ("5689377") or ("5699621") or ("5835275") or ("5874820") or ("5892117") or ("6069417") or ("6130517") or ("6323494") or ("6442858") or ("6472777") or ("20020185983") or ("20030007140"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/01 11:20
S3	10	("4544986"   "4614170"   "5905625"   "6141201"   "6332436"   "6371064"   "6390037"   "6390113"   "6427971"   "6671156").PN. OR ("6920029").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/01/31 10:10
S4	9	("5703748"   "5905625"   "5917692"   "5959825"   "6128175"   "6141201"   "6158403"   "6158715"   "6176207").PN. OR ("6693787").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/01/31 10:11
S5	5	("5626332"   "5765800"   "5876012"   "6249418").PN. OR ("6359767").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/01/31 10:12
S6	15	("4737823"   "4795927"   "5013987"   "5066879"   "5093754").PN. OR ("5227948").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/01/31 10:14
S7	1	("6989887").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/01/31 12:15
S8	399	(electromagnets) same (coils) same (armature arm)	US-PGPUB; USPAT	OR	OFF	2006/01/31 12:15
S9	64	S8 same actuator	US-PGPUB; USPAT	OR	OFF	2006/01/31 12:15
S10	4	S9 same sensor	US-PGPUB; USPAT	OR	OFF	2006/01/31 12:28
S11	256	fine adj stage	US-PGPUB; USPAT	OR	OFF	2006/01/31 12:29
S12	0	S11 same (electormagnet\$1)	US-PGPUB; USPAT	OR	OFF	2006/01/31 12:29

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S13	0	S11 and (electromagnet\$1)	US-PGPUB; USPAT	OR	OFF	2006/01/31 12:29
S14	0	S11 and (electromagnet\$4)	US-PGPUB; USPAT	OR	OFF	2006/01/31 12:29
S15	102	S11 and actuator	US-PGPUB; USPAT	OR	OFF	2006/01/31 12:29
S16	75	S15 and (coil coils)	US-PGPUB; USPAT	OR	OFF	2006/01/31 12:30
S17	19	S16 and (electromagnets electromagnet)	US-PGPUB; USPAT	OR	OFF	2006/01/31 12:54
S18	1	("6693787").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/01/31 13:05
S19	3	((("6693787") or ("6359767") or ("6920029"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/01/31 14:44
S20	47	(framework) same (electromagnets)	US-PGPUB; USPAT	OR	OFF	2006/01/31 13:15
S21	0	("2004/0222398").URPN.	USPAT	OR	OFF	2006/01/31 13:08
S22	23	((("3965293") or ("4425508") or ("4924257") or ("5157296") or ("5196745") or ("5243491") or ("5294854") or ("5473410") or ("5528118") or ("5623853") or ("5668672") or ("5689377") or ("5699621") or ("5835275") or ("5874820") or ("5892117") or ("6069417") or ("6130517") or ("6323494") or ("6442858") or ("6472777") or ("20020185983") or ("20030007140"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/01/31 13:12
S23	3	S22 and framework	US-PGPUB; USPAT	OR	OFF	2006/01/31 13:13
S24	53	(framework) same ((E adj core) (electromagnets))	US-PGPUB; USPAT	OR	OFF	2006/01/31 13:15
S25	0	((("8166475") or ("8171054") or ("8330224") or ("8334695") or ("10003039") or ("10020195"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/01/31 14:44
S26	4	((("8166475") or ("8171054") or ("8330224") or ("8334695") or ("10003039") or ("10020195"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/01/31 15:05
S27	323	(electromagnets) same (coils) same (armature)	US-PGPUB; USPAT	OR	OFF	2006/01/31 15:24
S28	99	S27 same (control controlling)	US-PGPUB; USPAT	OR	OFF	2006/01/31 15:22

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S29	2	S27 same framework	US-PGPUB; USPAT	OR	OFF	2006/01/31 15:24
S30	2982	(electromagnets) same (coils)	US-PGPUB; USPAT	OR	OFF	2006/01/31 15:24
S31	4	S30 same framework	US-PGPUB; USPAT	OR	OFF	2006/01/31 15:42
S32	1	("20020185983").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/01 11:19
S33	23	((("3965293") or ("4425508") or ("4924257") or ("5157296") or ("5196745") or ("5243491") or ("5294854") or ("5473410") or ("5528118") or ("5623853") or ("5668672") or ("5689377") or ("5699621") or ("5835275") or ("5874820") or ("5892117") or ("6069417") or ("6130517") or ("6323494") or ("6442858") or ("6472777") or ("20020185983") or ("20030007140"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/01 11:20
S34	1630038	S33 snae (framework base)	US-PGPUB; USPAT	OR	OFF	2006/02/01 11:22
S35	14	S33 and (framework base)	US-PGPUB; USPAT	OR	OFF	2006/02/01 12:17
S36	1	("5227948").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/01 12:17
S37	164	361/139.ccls.	US-PGPUB; USPAT	OR	ON	2007/06/06 16:49
S38	9	("5703748"   "5905625"   "5917692"   "5959825"   "6128175"   "6141201"   "6158403"   "6158715"   "6176207").PN. OR ("6693787").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/07 09:11
S39	9	("5703748"   "5905625"   "5917692"   "5959825"   "6128175"   "6141201"   "6158403"   "6158715"   "6176207").PN. OR ("6693787").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/07 09:15
S40	27	("3725747"   "3778697"   "4434450"   "4455543"   "4833565"   "4922878"   "5128825"   "5287243"   "5546268").PN. OR ("5905625").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/07 09:15
S41	1	"20050162802"	US-PGPUB; USPAT	OR	ON	2007/06/08 14:15

## EAST Search History

S42	1	("6130517").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/08 14:15
S43	1	("6008610").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/21 19:45
S44	35	("3350612"   "3886421"   "4016396"   "4221995"   "4447770"   "4456860"   "4535277"   "4577141"   "4810941"   "4810946"   "4818885"   "4952858"   "5070287"   "5153494"   "5184055"   "5196745"   "5249118"   "5262707"   "5478043"   "5504407"   "5545962"   "5548195"   "5589748").PN. OR ("6008610"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/21 19:45
S45	7	("20030007140"   "5585629"   "5841250"   "6008610"   "6177978"   "6260282"   "6570645").PN. OR ("6989887").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/21 19:46
S46	33	("3736880"   "4742286"   "4999506"   "5073912"   "5150391"   "5208497"   "5467720"   "5504407"   "5684856"   "5687947"   "5699145"   "5793052"   "5841250"   "5940789"   "6008610").PN. OR ("6570645").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/21 19:46